

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 477  | 396/55,269.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/01 10:37 |
| L2    | 416  | L1 and (pivot\$4 or moving or movement)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/01 10:39 |
| L3    | 20   | L1 and ((pivot\$4 or moving or movement) near (encoder or sensor or detector or receiver)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/01 10:40 |
| S1    | 91   | uenaka-yukio\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/01 10:37 |
| S2    | 860  | "PENTAX CORPORATION".as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/22 17:04 |
| S3    | 99   | S2 and (encoder or (code near wheel))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/22 17:09 |
| S4    | 2375 | 250/231.13-231.18.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/22 17:23 |
| S5    | 672  | 396/661.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/22 17:10 |

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|-----|------|--|---|----|-----|------------------|
| S6  | 3047 | S4 or S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/22 17:24 |
| S7  | 1397 | S6 and (adjust\$4 or pivot\$4 or shift\$4)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/29 14:16 |
| S8  | 2375 | 250/231.13-231.18.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:35 |
| S9  | 672  | 396/661.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:35 |
| S10 | 3047 | S8 or S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:52 |
| S15 | 1826 | S10 and (encoder or ((code or encod\$3) near wheel) or disc or disk) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/23 11:05 |
| S16 | 920  | S15 and (teeth or slit\$1 or slot\$1)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/23 11:05 |
| S17 | 572  | S16 and (adjust\$4 or pivot\$4 or shift\$4 or moveable)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 11:21 |

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| S18 | 2    | "4193199".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 11:21 |
| S19 | 12   | ("4193199").URPN.   | USPAT   | OR | OFF | 2005/03/23 11:21 |
| S20 | 2366 | 250/231.13-231.18.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/29 14:20 |
| S21 | 2695 | 33/1PT,1N;356/616,617;341/13,11,<br>31.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/29 14:21 |
| S22 | 4696 | S20 or S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/29 14:21 |
| S23 | 2316 | S22 and (pivot\$4 or moving or<br>movement)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/04/01 10:37 |
| S24 | 6    | S22 and (pivot\$4 near (detector or<br>sensor or receiver)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/29 15:34 |
| S25 | 2    | "5416558".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/29 15:46 |